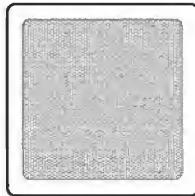
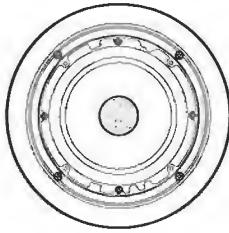
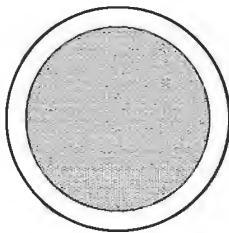




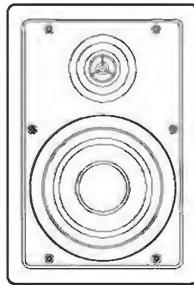
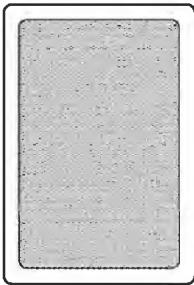
### IN-CEILING SPEAKERS

- PDIC60 PDIC60T PDIC80 PDIC80T
- PDIC51RD PDIC61RD PDIC81RD
- PDIC55SQ PDIC65SQ PDIC85SQ



### IN-WALL SPEAKERS

- PDIW52 PDIW62 PDIW55 PDIW65



## INCEILING & INWALL SPEAKER INSTALLATION MANUAL

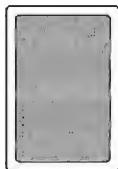
[www.pyleaudio.com](http://www.pyleaudio.com)

Thank you for purchasing this PYLE in-wall/in-ceiling speaker system. It is a state-of-the-art product carefully designed and manufactured for your installation needs, and has been thoroughly tested to ensure consistent and reliable performance.

If you have any question about the installation or operation of your PYLE in-wall/in-ceiling speaker system which are not answered by this manual, contact your dealer immediately.

## INCLUDED

### IN-WALL SPEAKERS



One pair of speakers with grilles.



Strips of adhesive



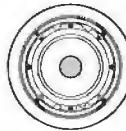
4x12mm  
12pcs

Screws



Template

### IN-CEILING SPEAKERS



One pair of speakers with grilles.



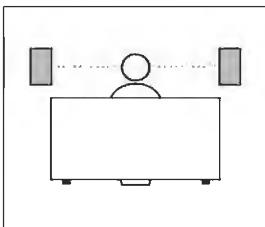
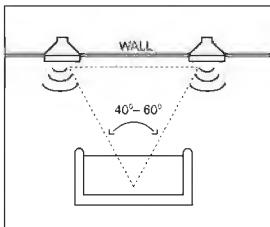
Strips of adhesive



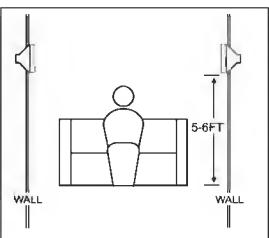
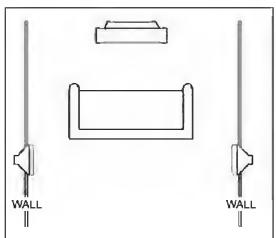
Template

## SPEAKER PLACEMENT

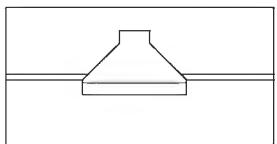
### FRONT SPEAKERS



## REAR SPEAKERS



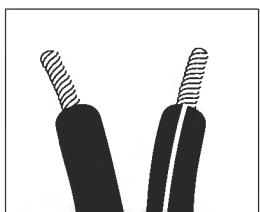
## IN-CEILING



Proper placement of the speakers is an important step in obtaining the most realistic soundstage possible. These recommendations are for the optimum placement of the loudspeakers. Use these placement recommendations as a guide. Slight variations will not diminish your listening pleasure. The front speakers should be placed the same distance from each other as they are from the listening position. They should be placed at about the same height from the floor as the listener's ears will be, with the tweeters aimed toward the listener at ear-level height. In a home theater configuration, the two surround speakers should be placed slightly behind the listening position and ideally should face each other and be at a level higher than the listener's ears. If that is not possible, they may be placed in a wall (or in the ceiling) behind the listening position, facing forward. The surround speakers should not call attention to themselves. They should provide a diffuse, ambient sound accompanying the main program material heard in the front speakers. In Dolby® Digital and DTS® systems, aim the tweeters toward the listening position at ear-level height.

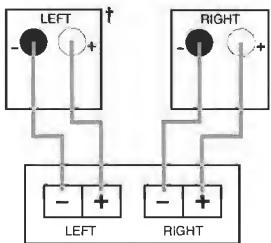
## SPEAKER CONNECTIONS

### CONNECTION TIPS



The wires for both speakers should be the same length. If one speaker is placed closer to the amplifier than the other, hide the excess wire behind the wall. Speakers and electronics terminals have corresponding (+) and (-) terminals. We use red to denote the (+) terminal and black for the (-) terminal.

It is important to connect both speakers identically: (+) on the speaker to (+) on the amplifier and (-) on the speaker to (-) on the amplifier. Wiring "out of phase" results in thin sound, weak bass and a poor stereo

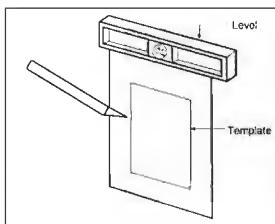


Front or Rear Speaker Outputs

image. With the advent of multi-channel surround sound systems, connecting all of the speakers in your system with the correct polarity remains equally important in order to preserve the proper ambience and directionality of the program material.

# EXISTING CONSTRUCTION

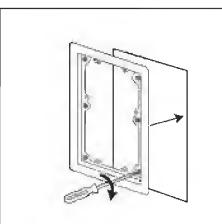
## IN-WALL SPEAKERS



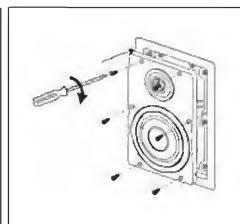
Cut the drywall.  
Note: Always allow at least one-half inch between a wall stud and the speaker cutout or the locking tabs will not be able to swivel into place.



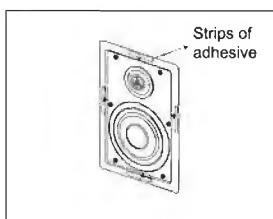
Screw out the two screws to separate the frame first.



Place the frame assembly in the wall.  
Screw down each of the six Phillips head screws. The locking tabs will swivel into place and secure the unit to the rear surface of the drywall.



Connect the speaker wires to the speaker.  
Screw down each of the six Phillips head screws.

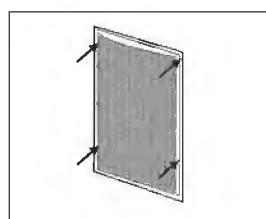


Put in the strips of adhesive to secure the grille.

The in-wall speakers feature unique swivel mounts for the tweeters that enable you to aim the very directional high frequencies toward the listening position, at ear-level height.

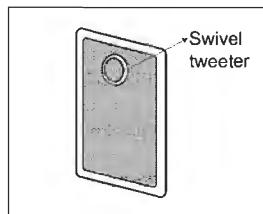
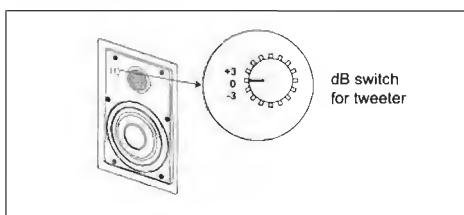
### PDIW55/PDIW65 tweeter adjustment:

Before installing the speaker grille, gently press on the outer edge of the tweeter mount to adjust the position of the tweeter. The tweeter will not swivel more than 15 degrees in any direction; do not attempt to force it to move further.



Replace the metal grille.

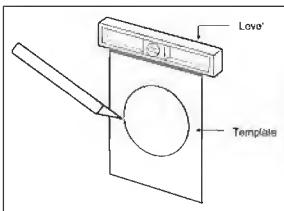
## PDIW52/PDIW62



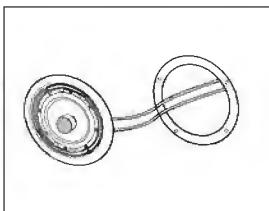
After installing the speaker grille, gently press on the mesh of the tweeter to adjust the position of the tweeter.

# EXISTING CONSTRUCTION

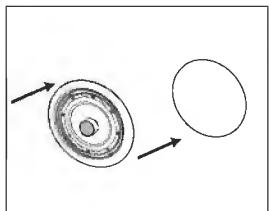
## IN-CEILING SPEAKERS



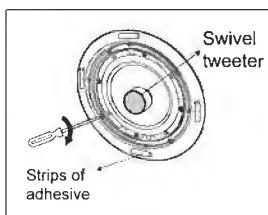
Cut the drywall.  
Note: Always allow at least one-half inch between a wall stud and the speaker cutout or the locking tabs will not be able to swivel into place.



Connect the speaker wires to the speaker.

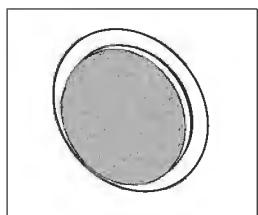


Place the frame assembly in the wall.

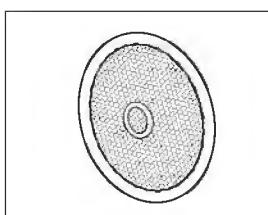


Screw down each of the four Phillips head screws. The locking tabs will swivel into place and secure the unit to the rear surface of the drywall. Put in the strips of adhesive to secure the grille.

The in-ceiling speakers feature unique swivel mounts for the tweeters that enable you to aim the very directional high frequencies toward the listening position, at ear-level height. Before installing the speaker grille, gently press on the outer edge of the tweeter mount to adjust the position of the tweeter. The tweeter will not swivel more than 15 degrees in any direction; do not attempt to force it to move further.



Replace the metal grille.



### Just for PDIC60/PDIC80

After installing the speaker grille, gently press on the mesh of the tweeter to adjust the position of the tweeter.

# WIRING DIAGRAM

## (PDIC60T/PDIC80T)

### 70V SYSTEM SPEAKER WIRES

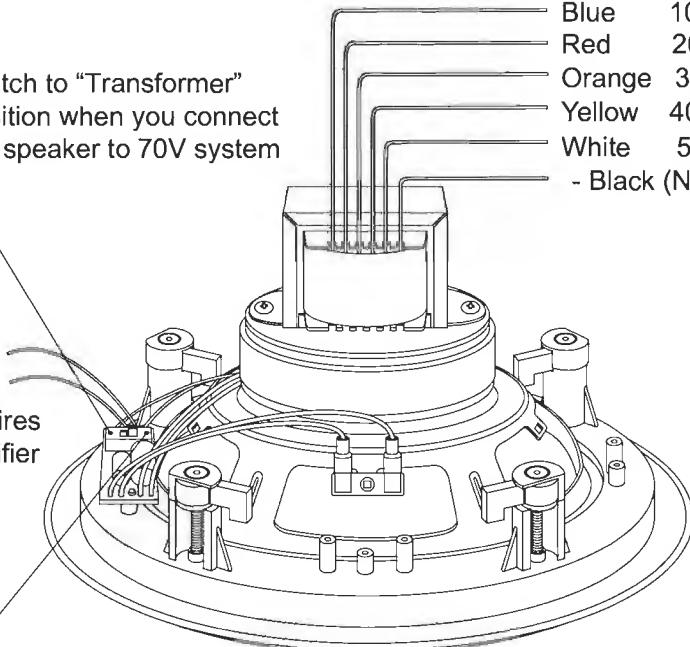
	PDIC80T	PDIC60T
Blue	10W	5W
Red	20W	10W
Orange	30W	15W
Yellow	40W	20W
White	50W	30W
- Black (Negative)		

→ Switch to "Transformer" position when you connect the speaker to 70V system

- Black

+ Red

Speaker wires to 8Ω amplifier



→ Switch to "8Ω" position when you connect the speaker to normal 8Ω amplifier

# ATION

peak-  
e easily  
you are  
the prop-  
speakers  
aler or a

## TOOLS NEEDED



Pencil



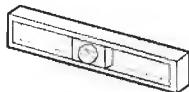
Phillips #2 screwdriver



Measuring tape



Utility knife



Carpenter's level



Awl

# ESHOOTING

## UND FROM ANY OF THE SPEAKERS:

lifier is on and a source is playing.

nections between receiver/amplifier and speakers. Make sure all wires are connected. Make  
er wires are frayed, cut, punctured or touching each other.  
on of your receiver/amplifier.

## UND COMING FROM ONE SPEAKER:

control on your receiver/amplifier.

nections between receiver/amplifier and speakers. Make sure all wires are connected. Make  
er wires are frayed, cut, punctured or touching each other.

## R NO BASS OUTPUT:

ions to the left and right "Speaker Inputs" have the correct polarity (+ and -).  
er subwoofer to your system.

modes, make sure your receiver/processor is correctly configured. When using a subwoofer,  
er output of the receiver/processor has been enabled. If no subwoofer is being used,  
right front and rear speakers have been configured as "LARGE." See your receiver/processor's  
ther information on correct speaker configuration in Dolby Digital, DTS and other surround sound

## VS AT LOW VOLUMES BUT SHUTS OFF AS VOLUME IS INCREASED:

MODEL NO.	Cut-out Dimensions	Dimensions (each speaker)
<b>PDIC60</b>	7 7/8" (W) X 7 7/8" (H) X 2 3/4" (D)	9" (W) X 9" (H) X 2 3/4" (D)
<b>PDIC60T</b>	7 7/8" (W) X 7 7/8" (H) X 4 5/8" (D)	9" (W) X 9" (H) X 4 5/8" (D)
<b>PDIC80</b>	9 3/8" (W) X 9 3/8" (H) X 3 1/2" (D)	10 3/4" (W) X 10 3/4" (H) X 3 1/2" (D)
<b>PDIC80T</b>	9 3/8" (W) X 9 3/8" (H) X 5 3/4" (D)	10 3/4" (W) X 10 3/4" (H) X 5 3/4" (D)
<b>PDIC51RD</b>	6 1/2" (W) X 6 1/2" (H) X 2 5/8" (D)	8" (W) X 8" (H) X 2 5/8" (D)
<b>PDIC55SQ</b>	5 3/4" (W) X 5 3/4" (H) X 2 3/4" (D)	7" (W) X 7" (H) X 2 3/4" (D)
<b>PDIC61RD</b>	7 7/8" (W) X 7 7/8" (H) X 2 3/4" (D)	9" (W) X 9" (H) X 2 3/4" (D)
<b>PDIC65SQ</b>	7 1/4" (W) X 7 1/4" (H) X 3" (D)	8 5/8" (W) X 8 5/8" (H) X 3" (D)
<b>PDIC81RD</b>	9 3/8" (W) X 9 3/8" (H) X 3 1/2" (D)	10 3/4" (W) X 10 3/4" (H) X 3 1/2" (D)
<b>PDIC85SQ</b>	8 5/8" (W) X 8 5/8" (H) X 3 1/2" (D)	10" (W) X 10" (H) X 3 1/2" (D)
<b>PDIW55</b>	6 5/8" (W) X 10 1/8" (H) X 2 3/4" (D)	7 5/8" (W) X 11 1/4" (H) X 2 3/4" (D)
<b>PDIW52</b>	6 5/8" (W) X 10 1/8" (H) X 2 3/4" (D)	7 5/8" (W) X 11 1/4" (H) X 2 3/4" (D)
<b>PDIW65</b>	7 3/4" (W) X 11 3/8" (H) X 2 7/8" (D)	8 3/4" (W) X 12 1/2" (H) X 2 7/8" (D)
<b>PDIW62</b>	7 3/4" (W) X 11 3/8" (H) X 2 7/8" (D)	8 3/4" (W) X 12 1/2" (H) X 2 7/8" (D)

